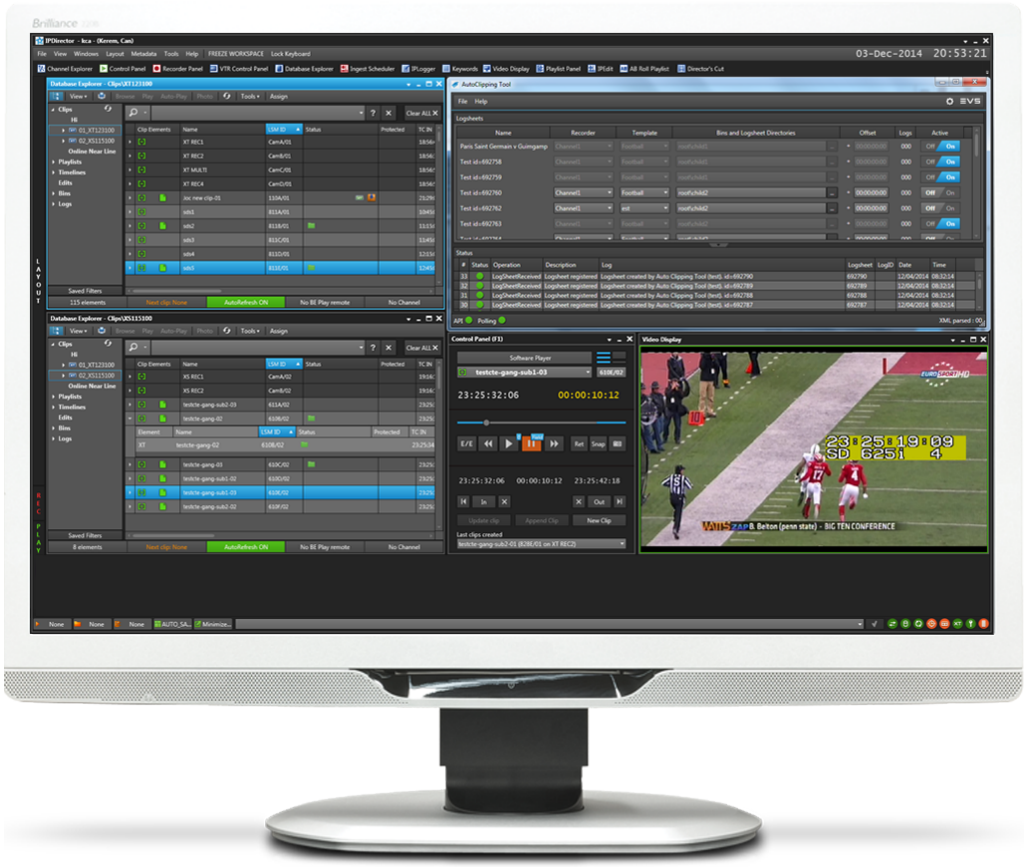
# USER MANUAL

## Auto Clipping Tool

Version 6.57 - December 2014



IP.Director

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## Regional Contacts

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You will find the full list of addresses and phone numbers of local offices either at the end of this user manual (for manuals on hardware products) or at the following page on the EVS website: http://www.evs.com/contacts.

## User Manuals on EVS Website

The latest version of the user manual, if any, and other user manuals on EVS products can be found on the EVS download center, on the following webpage: http://www.evs.com/downloadcenter.

# Table of Contents

TABLE OF CONTENTS ..... III

WHAT'S NEW? ..... V

1. INTRODUCTION ..... 1

2. INSTALLATION ..... 2

2.1. Prerequisites ..... 2
2.2. Installation Procedure ..... 2

3. GETTING STARTED ..... 5

3.1. Starting the Auto Clipping Tool ..... 5
3.2. Configuring the Auto Clipping Tool ..... 5
3.3. Creating Templates of Keywords and Clip Creation Parameters ..... 8
3.4. Settings ..... 12

4. OPERATIONS ..... 17

4.1. ACT Contextual Menu ..... 17
4.2. Managing the Logsheet Processing ..... 17
4.3. Monitoring the Status ..... 22

# What's New?

In the user manual, the icon NEW ! has been added on the left margin to highlight information on new and updated features.

The sections updated to reflect the new and modified features in Auto Clipping tool 1.1 (compared to version 1.0) are listed below.

**Process**

The IP Scheduler service is no more required. There is no more need to set a watch folder OUT.

- See section "Introduction" on page 1.
- See section "Prerequisites" on page 2.
- See section "Configuring the Auto Clipping Tool" on page 5.

ACT can process logsheet from another IPDirector station.

- See section "Introduction" on page 1.

**Configuration and Settings window**

New ways are available to access the Configuration and Settings window.

- See section "Configuring the Auto Clipping Tool" on page 5.
- See section "Settings" on page 12.

**ACT menu**

The options of the ACT contextual menu have been revised.

- See section "ACT Contextual Menu" on page 17.

**Management of keywords translation and clip creation**

The Excel files have been replaced by templates created from the Auto Clipping tool.

- See section "Introduction" on page 1.
- See section "Creating Templates of Keywords and Clip Creation Parameters" on page 8.
- See section "Settings" on page 12.

**Settings**

The Clip tab has been renamed Default Bin, Template and Recorder; the TC Offset tab has been renamed Clip.

- See section "Settings" on page 12.

New settings are available to create the same tree structure for logsheets as for bins, to activate the automatic processing of logsheets, to desynchronize the clip creation from the log creation.

- See section "Settings" on page 12.

**Logsheet Processing**

The logsheet can be processed according to a manual or an automatic mode.

- See section "Managing the Logsheet Processing" on page 17
- See section "Managing the Logsheet Processing" on page 17.

**Status Monitoring**

The status pane is integrated in the main window.

The list of options available from the contextual menu has been reduced.

- See section "Monitoring the Status" on page 22.

# 1. Introduction

## Product Description

The Auto Clipping tool is used to transfer logsheets and logs from an external logging or statistical system (e.g. Opta) into IPDirector.

NEW ! This can be used in the same way to transfer logsheets and logs exported from an IPDirector workstation to another one in another domain.

The Auto Clipping tool manages the creation of logs received from the external system, the translation of some keywords associated with the logs, and, if requested, the creation of clips around the logs timecode in IPDirector.

## NEW ! General Workflow

The external logging system sends XML files, containing the logsheet or logs information for a specific event, to a folder set as watch folder IN for the Auto Clipping tool.

When Auto Clipping tool receives a logsheet XML file, it manages, through the API, the creation of the logsheet in IPDirector.

When Auto Clipping tool receives a log XML file, it manages the creation of the log in IPDirector. But, the Auto Clipping tool will also translate the keywords associated with logs, and requests the creation of clips around the log timecode from the selected relevant recorder channel of an EVS video server. The rules established for the translation of keywords and the automatic creation of clips are defined in a template.

The logs created are sent into the selected logsheet directory in IPDirector.

The clips created are sent into the selected bin directory in IPDirector.

# 2. Installation

## 2.1. Prerequisites

NEW !

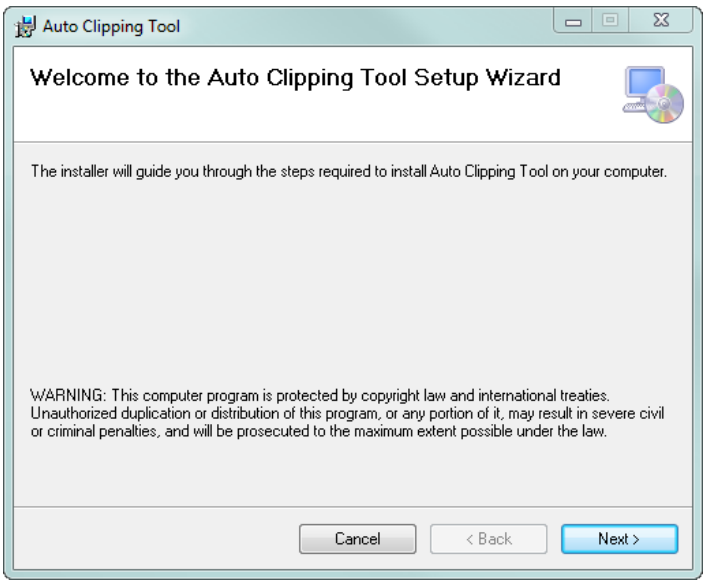
- The Auto Clipping tool must be installed on an IPDirector machine (XSecure needed).
- Microsoft .NET Framework 4 must be installed.
- An API is running.
- The Auto Clipping tool requires the license key 16 being imported to XSecure. For more information on the required license key, contact the Support or Sales team.

## 2.2. Installation Procedure

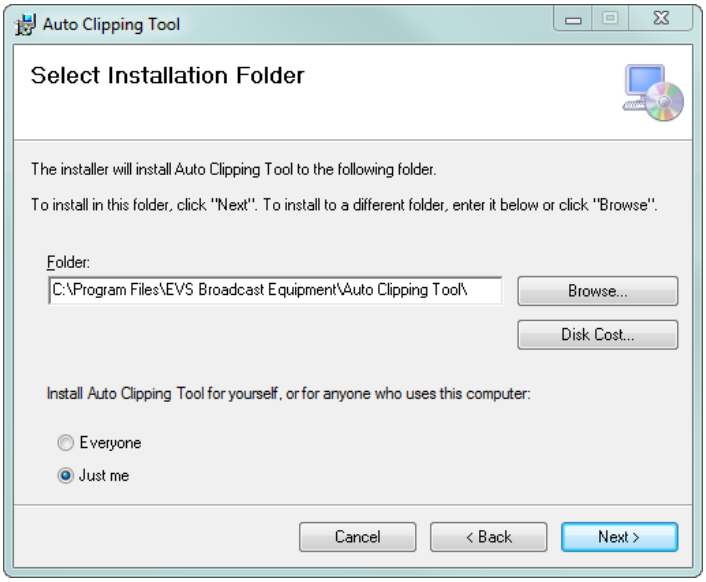
To install the Auto Clipping tool, proceed as follows:

1. Copy the installation package in a temporary folder.
2. Double-click the InstallAutoClippingTool.msi file

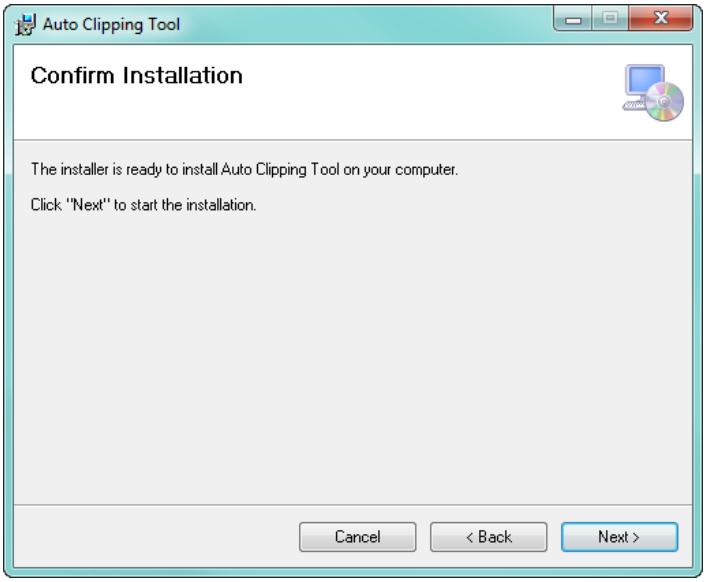
   The Auto Clipping Tool Setup Wizard opens.
3. In the 1st window, click **Next**:


Auto Clipping Tool
Welcome to the Auto Clipping Tool Setup Wizard
The installer will guide you through the steps required to install Auto Clipping Tool on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

4. In the 2nd window, browse to the folder where you want to install the Auto Clipping tool and click **Next**:

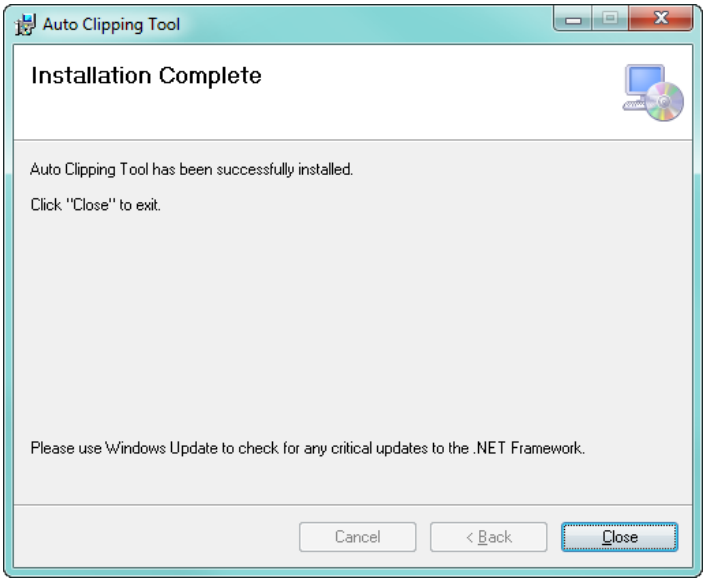

Auto Clipping Tool
Select Installation Folder
The installer will install Auto Clipping Tool to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files\EVS Broadcast Equipment\Auto Clipping Tool\
Browse...
Disk Cost...
Install Auto Clipping Tool for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

5. In the 3rd window, click **Next**:


Auto Clipping Tool
Confirm Installation
The installer is ready to install Auto Clipping Tool on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

The Auto Clipping tool is being installed.

6. In the next window, click **Close**:


Auto Clipping Tool
Installation Complete
Auto Clipping Tool has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel
< Back
Close

A shortcut has been put on the desktop:

# 3. Getting Started

## 3.1. Starting the Auto Clipping Tool

To start the Auto Clipping tool, double-click the **ACT** shortcut on the desktop:

An icon is added to the Windows task bar.

At first opening, the AutoClipping Settings window opens and the task bar icon is red because some configuration is needed. See section "Configuring the Auto Clipping Tool" on page 5.

Once the Auto Clipping tool has been configured, the task bar icon is green.

To exit the Auto Clipping tool, right-click the **ACT** icon on the task bar and select **Quit AutoClipping Tool**.

## 3.2. Configuring the Auto Clipping Tool

### Purpose

To be able to use the Auto Clipping tool, some configuration is required.

This is done from the AutoClipping Settings window which is accessed in one of the following ways:

- at first start of the Auto Clipping tool, when configuration is needed.
- by right-clicking the **ACT** icon on the task bar and by selecting **Settings** from the menu.

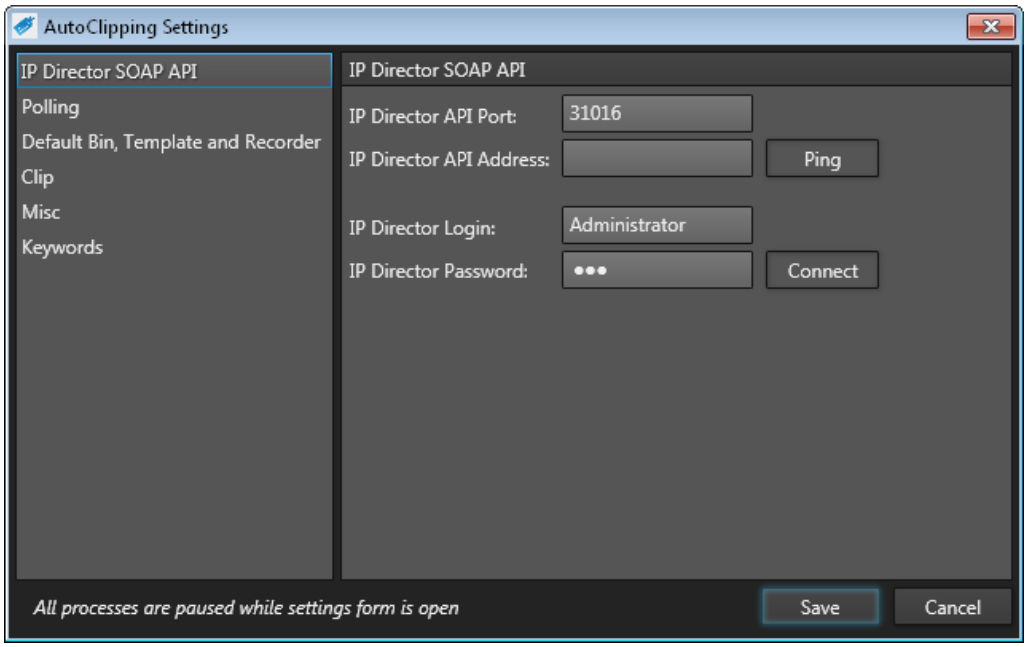
NEW !
- from the main Auto Clipping tool window, by selecting **File > Settings**.

NEW !
- from the main Auto Clipping tool window, by clicking .

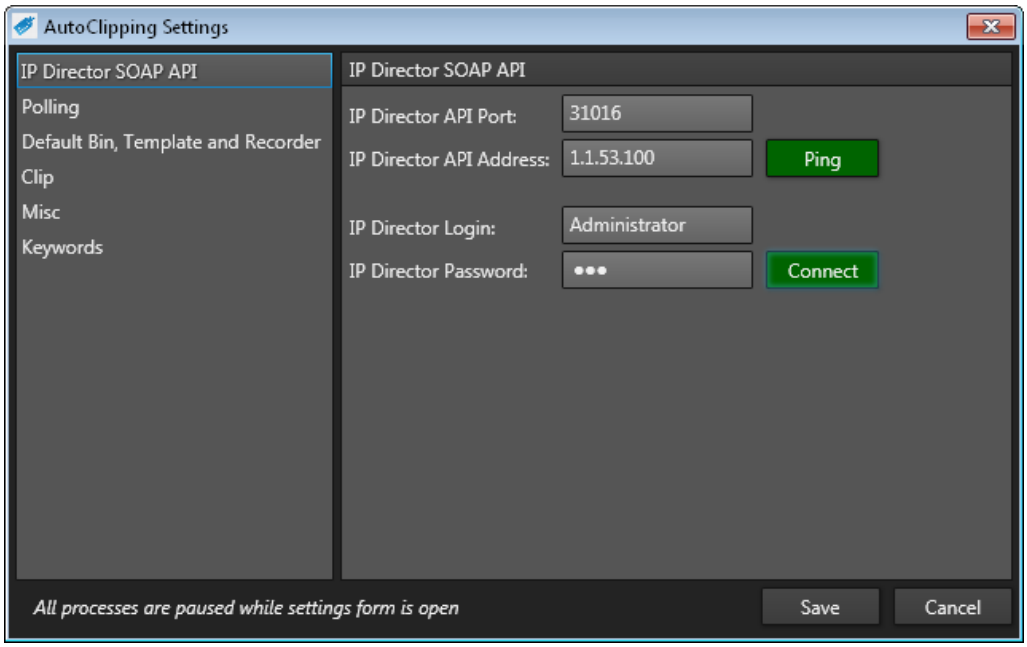
The window is made of five tabs. The first two tabs are used for the Auto Clipping tool configuration (mandatory). See the section hereafter. The other tabs are used to define settings (optional). See section "Settings" on page 12.

# Configuration Parameters

## IPDirector SOAP API Tab

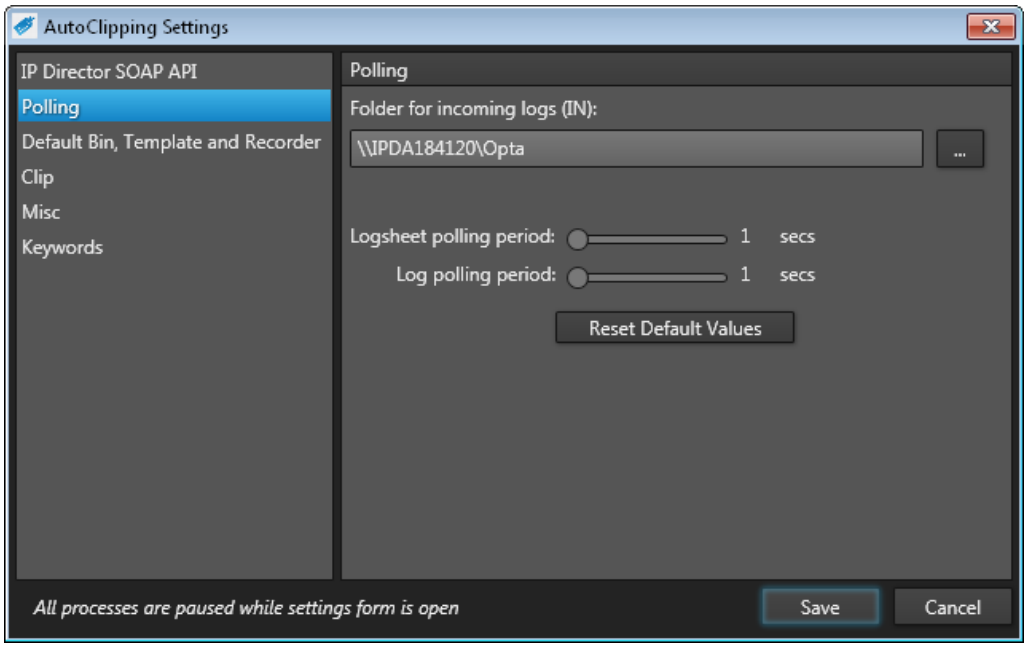



- Enter the IP address of the machine with IPDirector API.
- The other parameters do not need any update.
- Check the access to the IP address by clicking the **Ping** button. If the address is valid, the button turns green.
- Check the connection to the API by clicking the **Connect** button. If the connection is established, the button turns green.



## Polling Tab

NEW !




| Parameter | Description |
|---|---|
| **Folder for incoming logs (IN)** | Folder where the external statistical system drops the XML files with logsheet and logs information.<br>• The folder must have been shared.<br>• The path must be in UNC form.<br>In case of modification of this setting, you need to restart the application. |
| **Logsheet polling period** | Period of time (in seconds) elapsed before the system looks for new logsheets.<br>Default value: 1 sec |
| **Log polling period** | Period of time (in seconds) elapsed before the system looks for logs.<br>Default value: 1 sec |

## How to Configure the Auto Clipping Tool

To configure the Auto Clipping tool, proceed as follows:

1. Complete the fields of the IPDirector SOAP API tab and the Polling tab.
2. Click **Save**.
3. Exit the Auto Clipping tool by right-clicking the **ACT** icon on the task bar and selecting **Quit AutoClipping Tool**.
4. Restart the application by double-clicking the **ACT** shortcut on the desktop.

# 3.3. Creating Templates of Keywords and Clip Creation Parameters

## Introduction

NEW ! The rules established for the translation of log keywords and for the automatic creation of clips are defined in templates from the Template Editor window. Several templates can be created and used with the Auto Clipping tool. You can use, for example, one template per event type.

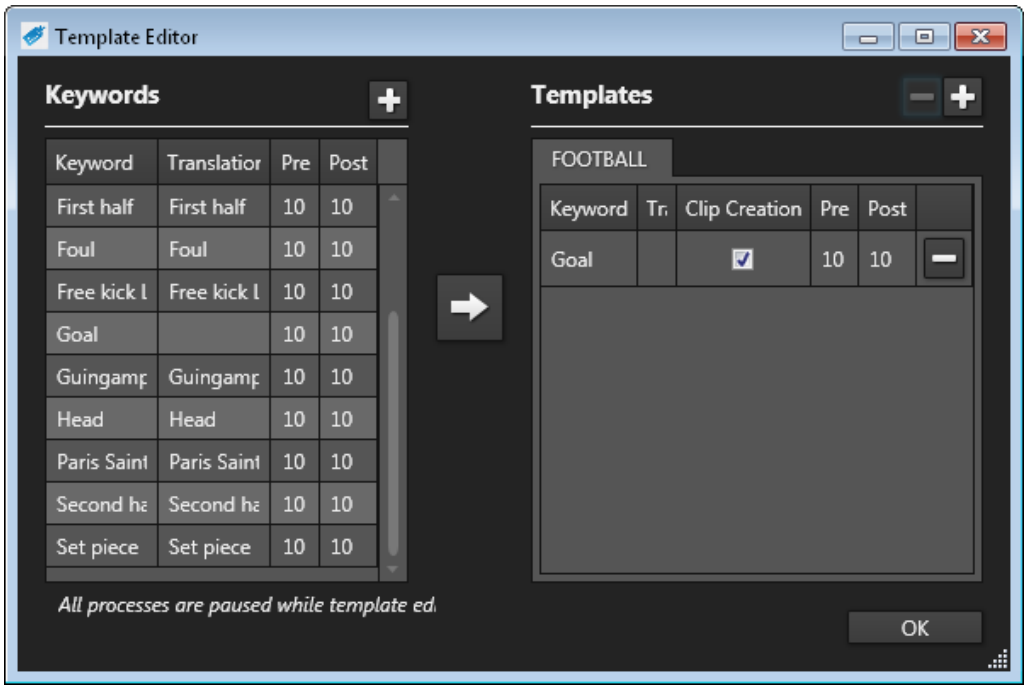
A template gathers a list of keywords to be associated with a logsheet, with or without their translation, where the requirement for clip creation is foreseen for each keyword and where the clip length before and after the log timecode is specified.

## Opening the Template Editor Window

The Template Editor window can be accessed in one of the following ways:

- right-click the **ACT** icon on the Windows task bar and select **Template Editor** from the menu.
- from the main Auto Clipping tool window, select **File > Template Editor**.

## Overview of the Template Editor Window



The window contains two panes:

- the Keywords pane: it displays the list of all available keywords
  - those associated with detected logs (Auto Clipping tool keeps the list of keywords associated with logs already treated) and
  - those created by users. New keywords can be created from this pane.
- the Templates pane: it is used to create templates of keywords, to set the associated rules (translation, clip creation) and it displays each template as a tab.

# Managing Log Keywords and Clip Creation Parameters

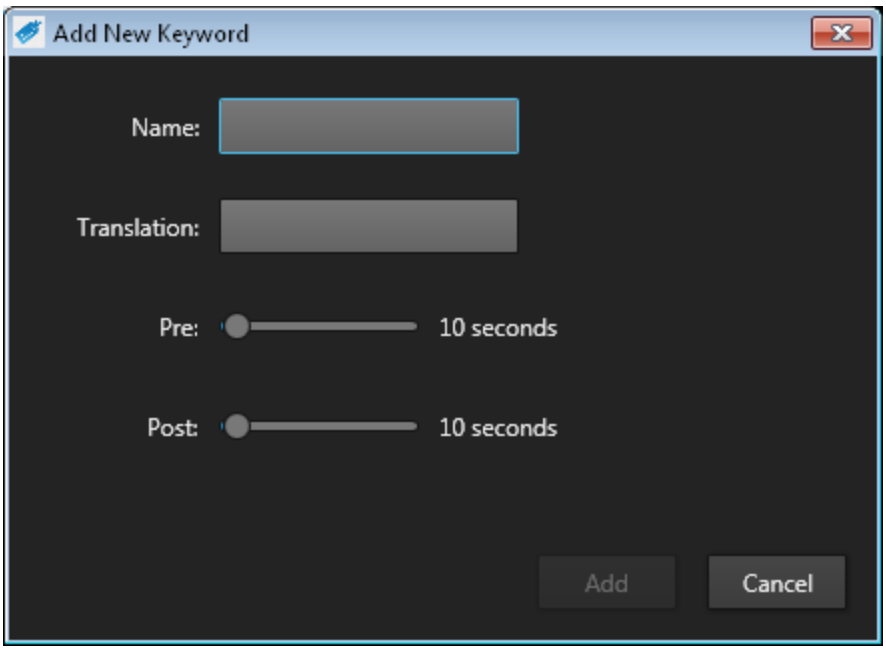
## How to Add a Keyword and Set the Clip Creation Parameters

To add a new keyword, proceed as follows:

**Keyword Creation:**

1. Click the button in the Keywords pane.

   The Add New Keyword opens:




2. Enter the keyword name in the **Name** field.

**Keyword Translation:**

3. (optional) Enter the translation of the keyword in the **Translation** field.

**Clip Creation:**

4. (optional) Set the duration between the clip IN point and the log timecode (Pre Mark) by moving the slider.
5. (optional) Set the duration between the log timecode and the clip OUT point (Post Mark) by moving the slider.
6. Click **Add**.

The keyword is displayed in the Keywords pane.

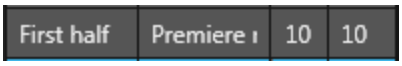
### How to Set the Parameters for an Existing Keyword

To add or modify one or several parameters for an existing keyword, proceed as follows:

**Translation:**

1. Click the cell in the Translation column:

2. Enter the translation for the selected keyword.




**Clip Creation:**

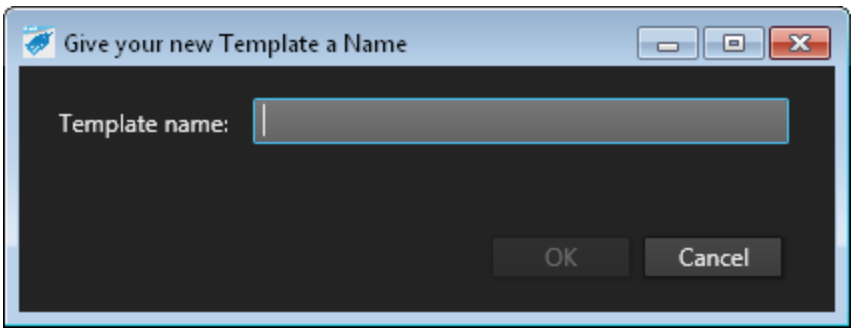
3. Click the cell in the Pre column and enter the duration (sec) between the clip IN point and the log timecode (Pre Mark).
4. Click the cell in the Post column and enter the duration (sec) between the log timecode and the clip OUT point (Post Mark).

## Managing Templates of Keywords and Clip Creation Parameters

### How to Create Templates of Keywords and Clip Creation Parameters

1. Click the button in the Templates pane.

   The following window opens:




2. Enter a name in the **Template Name** field.
3. Click **OK**.

The template is displayed as a tab in the Templates pane.

### How to Add Keywords to a Template

1. Select the tab for your template.
2. Select one or several keywords in the Keywords pane.

3. Click .

### How to Set the Parameters for a Keyword in a Template

It is possible to add or modify one or several parameters for a keyword in a specific template. These actions do not modify the parameters of the keyword in the list of available keywords.

1. To add or modify the translation of a keyword:
   a. Click the cell in the Translation column of the [Template] tab:

   b. Enter the translation for the selected keyword.
2. To create a clip from the log timecode, select the check box in the Clip Creation column.
3. To modify the Pre Mark, click the cell in the Pre column and enter the duration (sec) between the clip IN point and the log timecode.
4. To modify the Post Mark, click the cell in the Post column and enter the duration (sec) between the log timecode and the clip OUT point.

### How to Remove a Keyword from a Template

1. Select a keyword.
2. Click the button on the corresponding line.

This action remove the keyword from the template but does not delete the keyword from the list of available keywords.

## How Does it Works?

When a log is received by the Auto Clipping tool, the system checks the presence of associated keywords. Several cases can occur.

- No keyword is associated with the log or the keyword is missing in the associated template:

  The log is created in IPDirector through IP API.
- A keyword associated with the log is found in the associated template:

  The keyword is translated according to the template.
- Then, for each keyword found, the system checks whether a clip must be created.
  - if a clip must be created, Pre and Post values are used to create the clip for the log associated with the related keyword.
  - if several keywords are associated with a log and require the creation of a clip, Pre and Post values taken into account are the ones given for the first keyword found with "Create Clip = Yes".

# 3.4. Settings

## Introduction

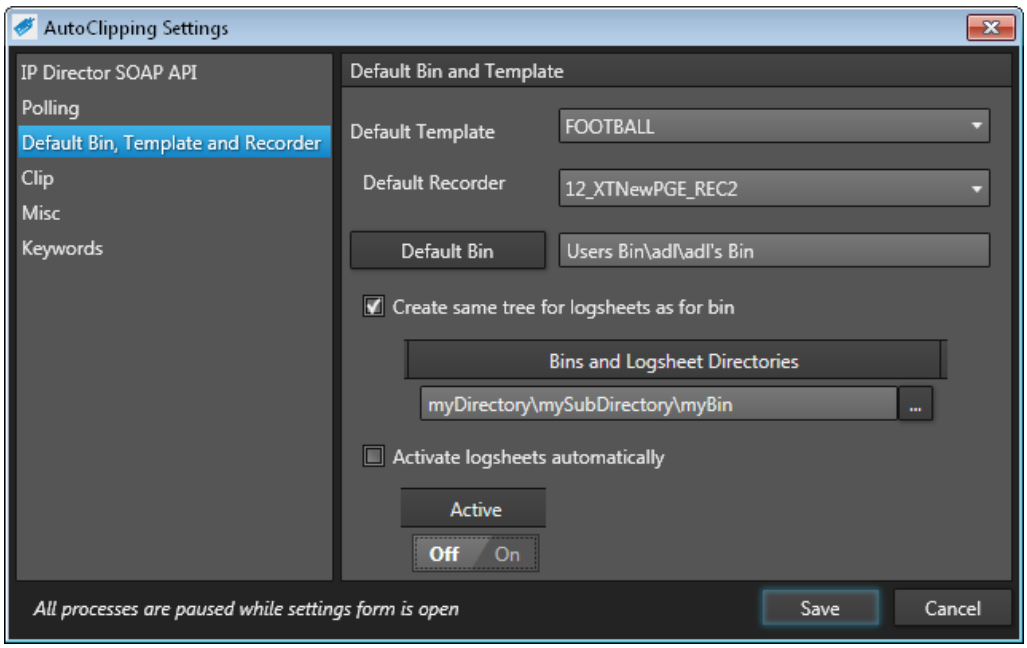
Different types of settings can optionally be defined for the Auto Clipping tool.

This is done from the AutoClipping Settings window which is accessed in one of the following ways:

- at first start of the Auto Clipping tool, when configuration is needed.
- right-click the **ACT** icon on the Windows task bar and select **Settings** from the menu.
- NEW ! from the main Auto Clipping tool window, select **File > Settings**.
- NEW ! from the main Auto Clipping tool window, click .

The window is made of five tabs. The first two tabs are used for the Auto Clipping tool configuration (mandatory). See section "Configuring the Auto Clipping Tool" on page 5. The other tabs are used to define settings (optional). See the sections hereafter.

## Default Bin, Template and Recorder Tab




### NEW ! Default Template

Sets the default template containing the rules for keywords translation and for clip creation that will automatically be associated with the logsheets in the main window.

Select the template from the drop-down list.

See section "Creating Templates of Keywords and Clip Creation Parameters" on page 8 for more information on the creation of templates.

## Default Recorder

Sets the default server recorder channel that will be used to create clips.

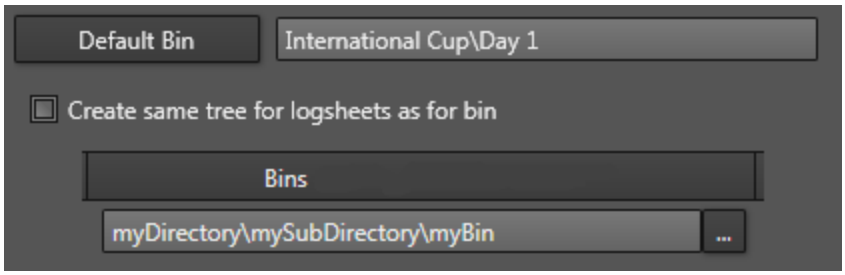
Select the recorder channel from the drop-down list.

## Default Bin

Sets the default destination bin that will contain the created clips in IPDirector.

1. Click the **Default Bin** button.
2. Select the default bin from the Select a Bin window.
3. Click **OK**.

The bin path structure is shown under **Bins**:



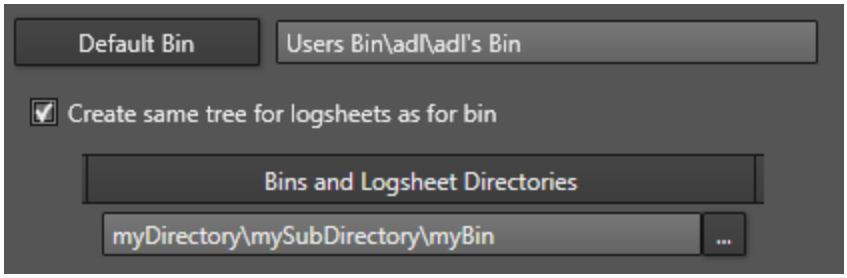
NEW !

## Create Same Tree for Logsheets as for Bins

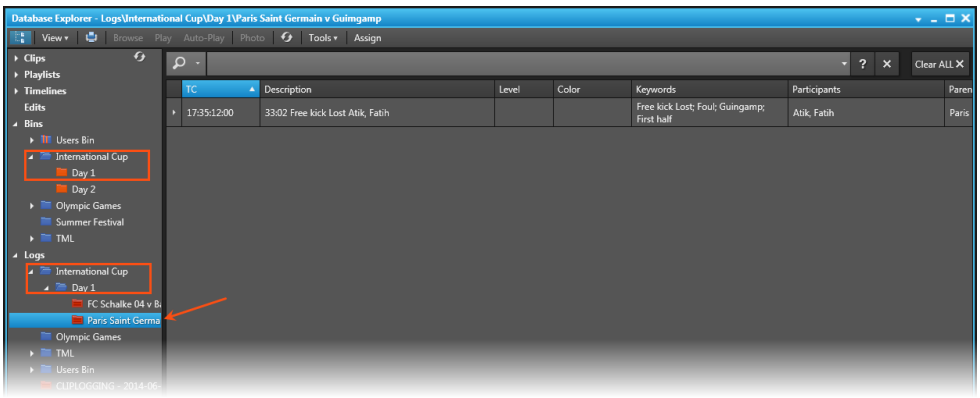
This option is used to create the same tree structure for logs as the one existing for bins in the Database Explorer module of IPDirector.

Simply tick the option check box.

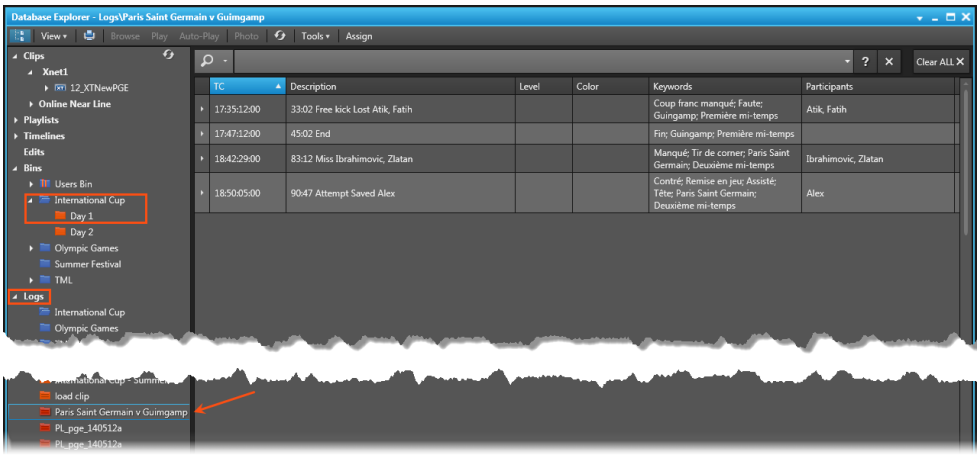
The path structure for bins and logsheets directories is shown under **Bins and Logsheets directories**:




- If the option is not selected, the logsheets will be placed directly under the Logs node in the Database Explorer module of IPDirector:




- If the option is not selected, the logsheets will be placed directly under the Logs node in the Database Explorer module of IPDirector:

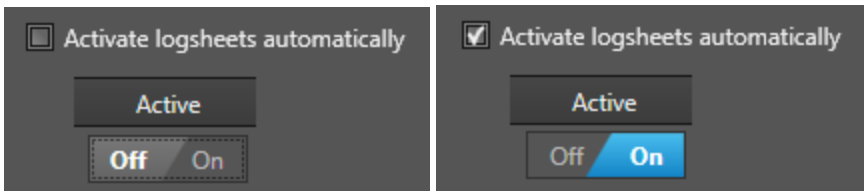


NEW !

### Activate Logsheets Automatically

This option is used to activate the automatic processing of the logsheet as soon as it is received by the Auto Clipping tool.

Simply tick the option check box.




See section "Managing the Logsheet Processing" on page 17 for more information on the logsheet processing.

## Clip Tab

### Video Standard

Defines the video standard used by the system: PAL or NTSC.

### Clip Date

Sets the creation date that will be associated to the created clips.

Possible values are: date from XML (log date) or today date.

### Default TC Offset

Allows to enter an offset value in case timecode values differ between the external system creating the logs and the EVS server used to create the clips. This ensures the match between the timecode values of the clips and the logs.

Set a positive offset value when the log timecode is smaller than the server timecode.

Set a negative offset value when the log timecode is greater than the server timecode.

Clicking the **+** button changes the plus sign to a minus sign.

### Apply TC Offset to Logs as Well

The same TC offset will be applied to logs imported into IPDirector as the TC offset applied to created clips.

NEW !

### Create Clips Asynchronously

The clip creation process does not interfere with the log creation process and is managed independantly.

# Misc Tab

## Compatibility Mode with IPDirector Interface

Displays the ACT windows on top of other windows.

## Show Status when application starts

Automatically opens the Status window when the Auto Clipping tool starts.

## Warm me if level is missing in logs

Displays a warning message when no rating or interest level is assigned to a log.

## Wait x seconds before starting application

Ensures that the Auto Clipping tool processes do not start before x seconds when the machine is started. So, the system has got time enough to make the shared folder used as watch folder available for use.

## Status criticality

Defines the way messages will be displayed in the Status window. Two options are available:

- **Verbose**: one line is displayed per status. So, if the log processing gets through several status, as many lines as log status will be displayed.
- **Incremental**: a single line is displayed for all the successive log status. So, if the log processing gets through several status, only the last status message is displayed.

## Display Release Notes

Opens a text file giving some additional explanation about messages, icon colors, file storage locations,...

# Keywords Tab

## Max length

Maximum number of characters allowed for a keyword.

Possible options are: Sixty four, twelve.

# 4. Operations

## 4.1. ACT Contextual Menu

NEW !

A contextual menu is available when right-clicking the **ACT** icon on the Windows task bar. It provides the following options:

**Settings**
Opens the Settings which gives access to the mandatory configuration options and to the optional settings options.
See sections "Configuring the Auto Clipping Tool" on page 5 and "Settings" on page 12.

**Template Editor**
Opens the Template Editor window used to create templates with keyword translation and clip creation requirements.
See section "Creating Templates of Keywords and Clip Creation Parameters" on page 8.

**Status**
Displays, or hides, the main Auto Clipping tool window. The Status pane, giving the status for each log managed by the Auto Clipping tool, is part of the main window.
See section "Managing the Logsheet Processing" on page 17.
See section "Monitoring the Status" on page 22.

**Refresh Relevant Recorders**
Refreshes the list of relevant recorders available.

**User Manual**
Opens the Auto Clipping tool user manual.

**Release Notes**
Opens a text file giving some additional explanation about messages, icon colors, file storage locations,...

**About**
Opens the About window with the current version of the Auto Clipping tool.

**Quit Auto Clipping Tool**
Closes the window and exits the Auto Clipping tool.

## 4.2. Managing the Logsheet Processing

### Purpose

Some parameters must be associated with the logsheets received from the external system to ensure that logs and clips will be correctly created on the appropriate media, sent to the required directory, and that their associated keywords will be translated.

Default values for these parameters are set from the Settings window (Default Bin, Template and Recorder tab).

Users will be able to modify those parameters for a specific logsheet from the main Auto Clipping tool window if the system works in manual logsheet processing mode. In automatic mode, the default values will be taken into account to process the logsheets.

## NEW ! Logsheet Processing Modes

### Manual Mode

If the **Activate Logsheets Automatically** option has not been selected from the Settings window, the logsheet will not be processed when it is received by the Auto Clipping tool. This means that the logsheet will not be created in IPDirector. Logs received for that logsheet will not be processed either.

With this mode, users are allowed to select a recorder channel, a template and/or a bin and a logsheet directories different than the default ones.

Logsheet and logs will only be processed as soon as the **Activate Logsheets Automatically** option is selected for the logsheet.

### Automatic Mode

If the **Activate Logsheets Automatically** option has been selected from the Settings window, the logsheet will be automatically processed as soon as it is received by the Auto Clipping tool. In this case, users will not be able to modify the default parameters set from the Settings. Logs will be processed as soon as they are received by the system as well.

## Process Overview

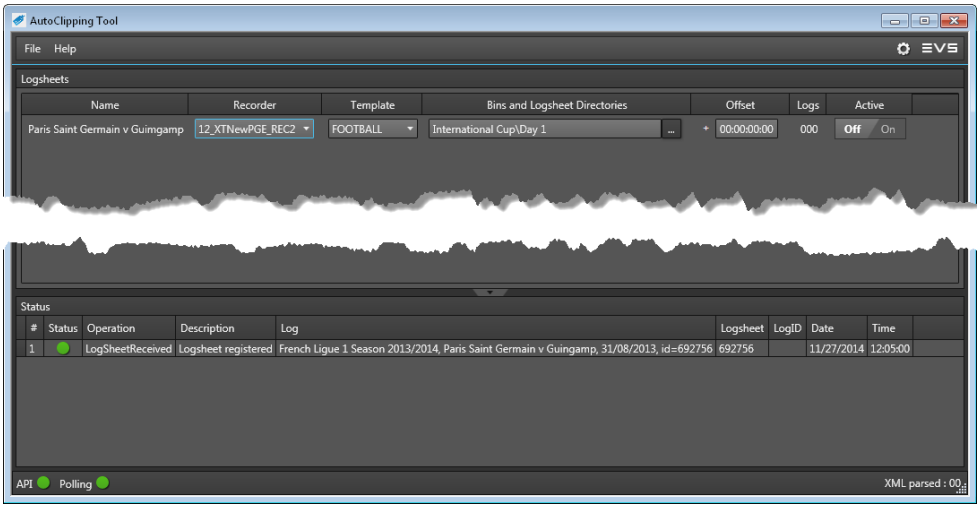
As soon as a logsheet is dropped from the external system into the watch folder IN, a line is displayed in the Logsheets pane of the main Auto Clipping tool window.

The Status pane of the main window gives indication on the status of the process.

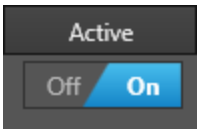
The following screenshots give examples of the different cases. The **Verbose** option is used in the Status pane (see section "Settings" on page 12).

## Manual Mode

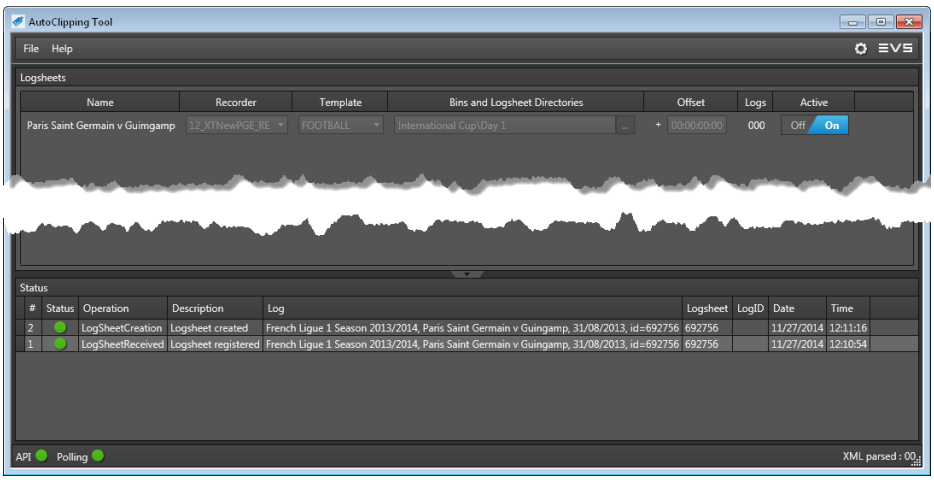
- A logsheet is received in the watch folder. It is not processed. Users can modify the logsheet parameters: recorder, template, bin and logsheet directory.



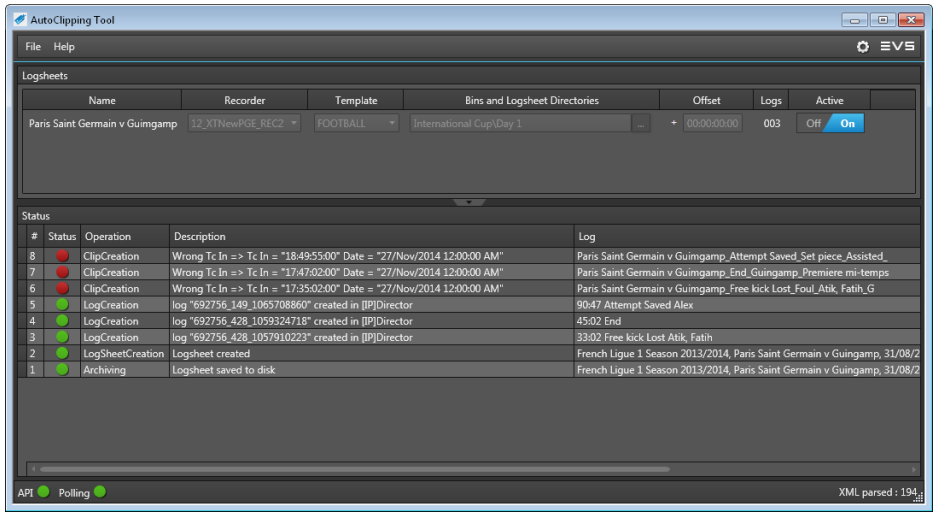

- Logs are received for this logsheet: nothing happens.
- The user activates the automatic mode by clicking the **On** button from the main window:




  - If no log has been received since the logsheet has been received, the logsheet is processed.

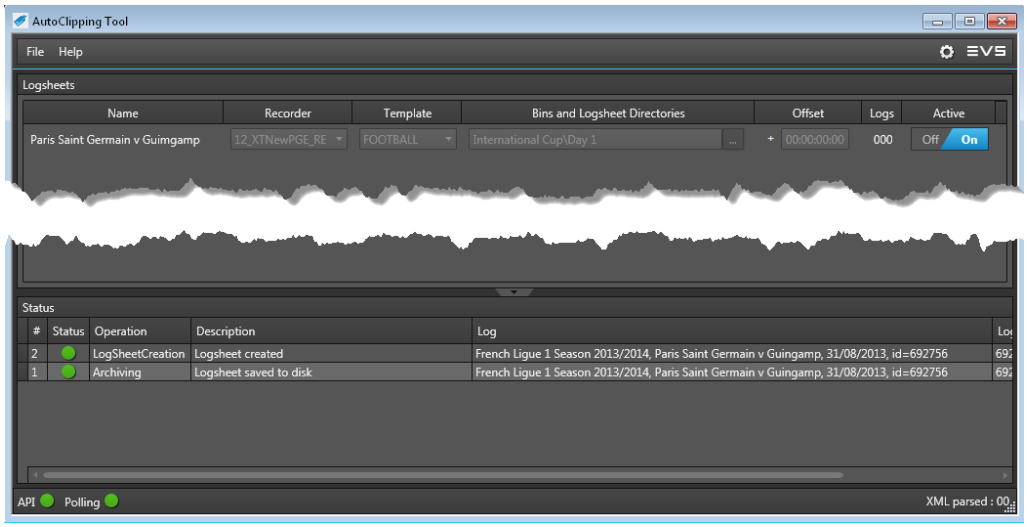


- If a log has been received since the logsheet has been received, the logsheet is processed, as well as the log. If required by the template, a clip is created.


AutoClipping Tool
File Help
EVS
Logsheets
Name Recorder Template Bins and Logsheet Directories Offset Logs Active
Paris Saint Germain v Guimgamp 12_XTNewPGE_REC2 FOOTBALL International Cup\Day 1 + 00:00:00:00 003 Off On
Status
# Status Operation Description Log
8 ClipCreation Wrong Tc In => Tc In = "18:49:55:00" Date = "27/Nov/2014 12:00:00 AM" Paris Saint Germain v Guimgamp_Attempt Saved_Set piece_Assisted_
7 ClipCreation Wrong Tc In => Tc In = "17:47:02:00" Date = "27/Nov/2014 12:00:00 AM" Paris Saint Germain v Guimgamp_End_Guimgamp_Premiere mi-temps
6 ClipCreation Wrong Tc In => Tc In = "17:35:02:00" Date = "27/Nov/2014 12:00:00 AM" Paris Saint Germain v Guimgamp_Free kick Lost_Foul_Atik, Fatih_G
5 LogCreation log "692756_149_1065708860" created in [IP]Director 90:47 Attempt Saved Alex
4 LogCreation log "692756_428_1059324718" created in [IP]Director 45:02 End
3 LogCreation log "692756_428_1057910223" created in [IP]Director 33:02 Free kick Lost Atik, Fatih
2 LogSheetCreation Logsheet created French Ligue 1 Season 2013/2014, Paris Saint Germain v Guimgamp, 31/08/2
1 Archiving Logsheet saved to disk French Ligue 1 Season 2013/2014, Paris Saint Germain v Guimgamp, 31/08/2
API Polling
XML parsed : 194

## Automatic Mode

Logsheets and logs are processed as soon as they are received by the system. Users cannot modify any parameter.


AutoClipping Tool
File Help
EVS
Logsheets
Name Recorder Template Bins and Logsheet Directories Offset Logs Active
Paris Saint Germain v Guimgamp 12_XTNewPGE_RE FOOTBALL International Cup\Day 1 + 00:00:00:00 000 Off On
Status
# Status Operation Description Log
2 LogSheetCreation Logsheet created French Ligue 1 Season 2013/2014, Paris Saint Germain v Guimgamp, 31/08/2013, id=692756
1 Archiving Logsheet saved to disk French Ligue 1 Season 2013/2014, Paris Saint Germain v Guimgamp, 31/08/2013, id=692756
API Polling
XML parsed : 00

# Modifying the Logsheet Parameters in Manual Mode

## Recorder

Select the recorder channel of the EVS server corresponding to the feed from which you want to create clips:

## Template

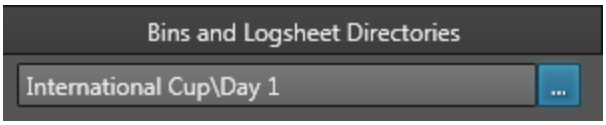
Select the template containing the rules for keywords translation and for clip creation for the event related to the logsheet. Usually, there is template per event type.

## Selected Bin

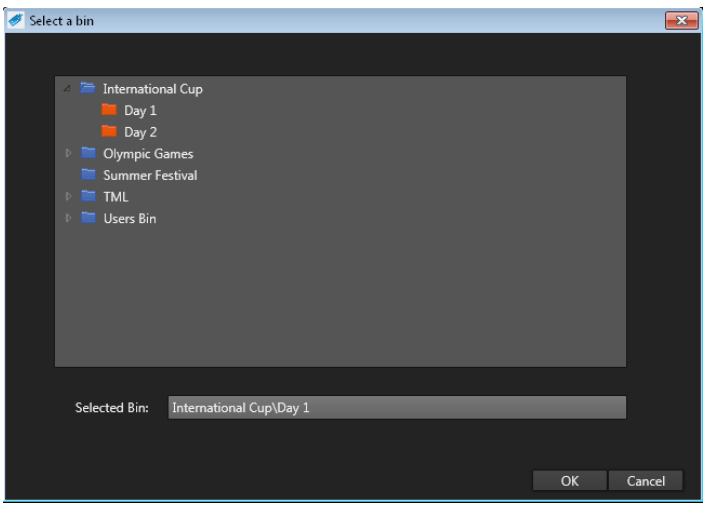
Select the directory where you want to send the logs and clips in IPDirector.

To do so, proceed as follows:

1. Click the **Browse** button.

   The following window opens:

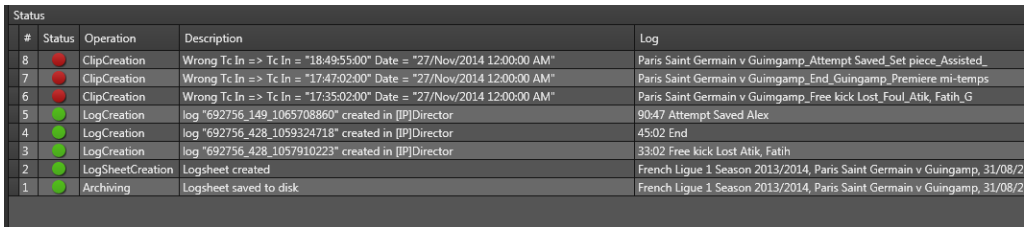
   
   

2. Select the directory.
3. Click **OK**.

# 4.3. Monitoring the Status

## Overview of the Status Pane

NEW ! The status of all the operations performed by the Auto Clipping tool can be monitored from the Status pane in the main window.


Status
# Status Operation Description Log
8 ClipCreation Wrong Tc In => Tc In = "18:49:55:00" Date = "27/Nov/2014 12:00:00 AM" Paris Saint Germain v Guimgamp_Attempt Saved_Set piece_Assisted_
7 ClipCreation Wrong Tc In => Tc In = "17:47:02:00" Date = "27/Nov/2014 12:00:00 AM" Paris Saint Germain v Guimgamp_End_Guingamp_Premiere mi-temps
6 ClipCreation Wrong Tc In => Tc In = "17:35:02:00" Date = "27/Nov/2014 12:00:00 AM" Paris Saint Germain v Guimgamp_Free kick Lost_Foul_Atik, Fatih_G
5 LogCreation log "692756_149_1065708860" created in [IP]Director 90:47 Attempt Saved Alex
4 LogCreation log "692756_428_1059324718" created in [IP]Director 45:02 End
3 LogCreation log "692756_428_1057910223" created in [IP]Director 33:02 Free kick Lost Atik, Fatih
2 LogSheetCreation Logsheet created French Ligue 1 Season 2013/2014, Paris Saint Germain v Guingamp, 31/08/2
1 Archiving Logsheet saved to disk French Ligue 1 Season 2013/2014, Paris Saint Germain v Guingamp, 31/08/2

A red icon in the **Status** column draws attention on an erroneous operation.

The icon is green for successful operations.

## Possible Operations

NEW ! A contextual menu is available when right-clicking the list in the Status pane. It provides the following option:

**Clear Messages**
Removes all the messages from the list.

Corporate
+32 4 361 7000

North & Latin America
+1 973 575 7811

**EVS Headquarters**
Liège Science Park
16, rue Bois St Jean
B-4102 Seraing
Belgium

Asia & Pacific
+852 2914 2501

Other regional offices
www.evs.com/contact

To learn more about EVS go to **www.evs.com**

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